AMENDMENTS TO THE CLAIMS

Claims 1-32 (Canceled)

Claim 33. (Previously Presented) A data transmitting method of a mobile wireless communication system in which a transmitter side adds a preamble for detecting reception power intensity in a receiver side to transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects the reception power intensity by use of the preamble contained in the transmission signal, the data transmitting method comprising:

locating the preamble for detecting reception power intensity in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 34. (Previously Presented) A data transmitting method of a transmitter in use with a mobile wireless communication system in which a transmitter side adds a preamble for detecting reception power intensity in a receiver side to transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects the reception power intensity by use of the preamble contained in the transmission signal, the data transmitting method comprising:

locating the preamble for detecting reception power intensity in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 35. (Previously Presented) A data receiving method of a receiver in use with a mobile wireless communication system in which a transmitter adds a preamble for detecting reception power intensity in a receiver side to

transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects the reception power intensity by use of the preamble contained in the transmission signal, the data receiving method comprising:

receiving the transmission signal in which the preamble for detecting reception power intensity in the receiver side is located preceding to the transmission data in the transmitter side and a random pattern is used for the preamble; and

detecting the reception power intensity by use of the preamble.

Claim 36. (Previously Presented) A mobile wireless communication system in which a transmitter side adds a preamble for detecting reception power intensity in a receiver side to transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects the reception power intensity by use of the preamble contained in the transmission signal, the mobile wireless communication system comprising:

a preamble adder locates the preamble for detecting reception power intensity in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 37. (Previously Presented) A transmitter in use with a mobile wireless communication system in which a transmitter side adds a preamble for detecting reception power intensity in a receiver side to transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects the reception power intensity by use of the preamble contained in the transmission signal, the transmitter comprising:

a preamble adder locates the preamble for detecting reception power intensity in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 38. (Previously Presented) A receiver in use with a mobile wireless communication system in which a transmitter side adds a preamble for detecting reception power intensity in a receiver side to transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects the reception power intensity by use of the preamble contained in the transmission signal, the receiver comprising:

a reception unit which receives the transmission signal in which the preamble for detecting reception power intensity in the receiver side is located preceding to the transmission data in the transmitter side and a random pattern is used for the preamble; and

a detection unit which detects the reception power intensity by use of the preamble.